

System supply CPX-AP-A-S-2-M12-4P

Part number: 8195677

FESTO



 General operating condition

Data sheet

| Feature | Value |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions (W x L x H) | 50.1 mm x 150 mm x 45.6 mm |
| Grid dimension | 50.1 mm |
| Type of mounting | On DIN rail via accessories With through-hole for M5 screw with accessories With through-hole for M6 screw with accessories |
| Product weight | 177 g |
| Mounting position | Any, on H-rail: horizontal |
| Ambient temperature | -20 °C ... 50 °C |
| Note on ambient temperature | Observe ambient temperature derating according to IEC 61131-2:2017 |
| Storage temperature | -20 °C ... 70 °C |
| Relative air humidity | 5 - 95% Non-condensing |
| Nominal altitude of use | ≤ 2000 m ASL (≥ 79.5 kPa) |
| Max. installation height | 3500 m |
| Note on max. installation height | Observe ambient temperature derating according to IEC 61131-2:2017 |
| Corrosion resistance class CRC | 1 - Low corrosion stress |
| Vibration resistance | Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 |
| Note on vibration resistance | SG1 on DIN rail SG2 on direct mounting Transport application test with severity class 1 to FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 |
| Note on shock resistance | 30 g/11 ms to EN 60068-2-27 SG1 on DIN rail SG2 on direct mounting Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 |
| Protection class | III |
| Overvoltage category | II |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Fire test material | UL94 V-0 (housing) |
| Note on materials | RoHS compliant Free of halogen Free of phosphoric acid ester |
| Material housing | Reinforced PA |
| Material flange | Nickel-plated die-cast zinc |
| Material screws | Nickel-plated steel |
| Material seals | Polyurethane foam |
| Material o-ring | Fluoro rubber |

| Feature | Value |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Power supply, function | Incoming electronics/sensors and load |
| Power supply, connection type | Plug |
| power supply, connection system | M12x1, L-coded to EN 61076-2-111 |
| Power supply, connection pattern | 00997397 |
| Power supply, number of pins/wires | 4 |
| Power transmission, function | Outgoing electronics/sensors and load |
| Power transmission, connection type | Socket |
| Power transmission, connection technology | M12x1, L-coded to EN 61076-2-111 |
| Power transmission, number of pins/wires | 4 |
| Power transmission, plug pattern | 00997396 |
| Note regarding operating voltage | SELV/PELV fixed power supplies required Note the voltage drop |
| Note on nominal operating voltage DC | 2x24 V [XD1,PS,PL] Protected Extra-Low-Voltage to IEC 60204-1 |
| Nominal operating voltage DC of load | 24 V |
| Nominal DC operating voltage, electronics/sensors | 24 V |
| Power supply, conductor diameter | 2.5 mm ² |
| Nominal current | 16 A |
| Max. power supply | 2 x 16 A (external fuse required) |
| Potential separation between the supply voltages electronics/sensor technology and load/valves | Yes |